

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



279552

**Date:** Thursday, August 02, 2007  
**From:** Jon Gulch, On-Scene Coordinator

<b>To:</b> David Chung, U.S. EPA Linda Nachowicz, U.S. EPA Ruth Woodfork, U.S. EPA Cheryl Allen, U.S. EPA Afif Marouf, U.S. EPA John Maritote, U.S. EPA Mick Hans, U.S. EPA Don Bussey, EPA Tracy Johnson, U.S. EPA Bruce VanOtteren, MDEQ	Bill Bolen, U.S. EPA Jason El-Zein, U.S. EPA Tom Williams, U.S. EPA Denise Gawlinski, U.S. EPA William Messenger, U.S. EPA Virginia Narsete, EPA, ERB-CIC Joe Walczak, MDEQ Steve Ostrodka, U.S. EPA Milton Scales, MDEQ Amy Keranen, MDEQ
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**Subject:** Initiation of Removal Action  
Florida Gas Plant Site  
55996 Lake Linden Ave., Calumet Township, MI  
Latitude: 47.22881  
Longitude: -88.44119

<b>POLREP No.:</b> 1	<b>Site #:</b> B529
<b>Reporting Period:</b> August 2-20, 2007	<b>D.O. #:</b> 0039 & 0040
<b>Start Date:</b> 8/1/2007	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b> 8/1/2007	<b>Response Type:</b> Time-Critical
<b>Completion Date:</b>	<b>NPL Status:</b> Non NPL
<b>CERCLIS ID #:</b>	<b>Incident Category:</b> Removal Action
<b>RCRIS ID #:</b>	<b>Contract #</b> 68S50301

**Site Description**

The Plant Site is located in Florida Location, Houghton County, Michigan. Florida Location is part of Calumet Township, Michigan. The geographic coordinates are 47.22881° north latitude and 88.44119° west longitude. The Plant Site is a former Manufactured Gas Plant (MGP) property located in the northeast quadrant of the intersection of Franklin Street and Lake Linden Avenue (M-26). The drainage ditch, which historically received uncontrolled discharges of coal tar waste, is located on the south side of the Site along Franklin Street. The Site topography is relatively flat with the exception of the slopes immediately adjacent to the drainage ditches.

**Current Activities**

On August 2, 2007, U.S. EPA, START and ERRS mobilize to the site to conduct a

walkthrough prior to work activities.

On August 9, 2007, SEMCO Gas Company was on-site to discuss plans to cut all active pipelines in on-site right-of-ways. After the meeting, SEMCO began excavation and removal of gas lines for immediate re-routing around the Site.

On August 10, 2007, all known underground utilities were excavated prior to sheet pile installation.

From August 14-16, 2007, approximately 90 feet of the ditch along Franklin Street was excavated and replaced with clean fill material, geo-synthetic liner, and rip-rap.

On August 20, 2007, the process of installing the impermeable barrier around the site was initiated. This impermeable barrier consists of sixteen (16) foot sheets of vinyl sheet pile that will be driven into the ground based on historic and Site Assessment soil and plume data. The sheet pile wall began 2 feet 3 inches off the outside of the fence at a 22 feet inversion eastward from the NW corner of the property fence, along the plant drive. The barrier wall will continue along the perimeter of the property to 100 feet east of the building on Franklin Street and invert approximately 20 feet north.

#### **Planned Removal Actions**

Excavate approximately 340 feet of ditch along Franklin Street adjacent to the property on the south. Restore ditch to ensure proper flow.

Install sheetpiling around the perimeter of the site. Sheetpile installation will begin on the NW corner of the property and follow the fence line south along M-26 to Franklin Street and east along Franklin Street to the NE corner of the property. Ends of sheetpile barrier will be inverted to capture the migration of impacted material. In addition, several wells will be installed to monitor potential movement of contamination.

#### **Next Steps**

Continue installation of sheetpiling.

Excavate impacted material from ditch adjacent to the property along Franklin Street.

Restore ditch adjacent to property along Franklin Street to original condition.

#### **Key Issues**

None.

#### **Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				

ERRS - Cleanup Contractor	\$500,000.00	\$132,000.00	\$368,000.00	73.60%
RST/START	\$25,000.00	\$13,300.00	\$11,700.00	46.80%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$15,000.00	\$30,000.00	(\$15,000.00)	-100.00%
<b>Total Site Costs</b>	<b>\$540,000.00</b>	<b>\$175,300.00</b>	<b>\$364,700.00</b>	<b>67.54%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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